

ITEM: 18

SUBJECT: City of Redding, Clear Creek Wastewater Treatment Plant, Shasta County

BOARD ACTION: *Consideration of NPDES Permit Renewal* (Continued from May 2010 Board Meeting)

BACKGROUND: The City of Redding (Discharger) owns and operates Clear Creek Wastewater Treatment Plant, a publically owned treatment works in Redding, Shasta County. The treatment system consists of screening for removal of large solids, grit removal, primary clarification, activated sludge treatment with secondary clarification, filtration, chlorination/dechlorination, flow equalization, and emergency storage. Primary sludge is treated by anaerobic digestion followed by dewatering using a plate and frame filter press and then disposed at a sanitary landfill. Waste activated sludge is stabilized in facultative sludge lagoons and air dried to generate Class B biosolids. Biosolids from the secondary treatment process are land applied on property owned by the Discharger. Approximately 8.8 million gallons per day (dry weather flow) of treated waste is discharged through an outfall line and diffuser to the Sacramento River, a water of the United States.

The tentative order would renew the Discharger's NPDES permit. The Discharger is expected to be able to immediately comply with the renewed NPDES permit.

ISSUES: This item was first heard at the May 2010 Board Meeting. At the Board's discretion, the item was continued for further discussion regarding comments received. Since the May 2010 Board Meeting, revisions were been to the May 2010 tentative order, and public comment on these revisions was solicited. Additional comments were received from the City and from U.S. EPA. Additional revisions were made in response to these new comments. The revised tentative order is available in strikeout-underline format to identify the changes to the tentative order since the May 2010 Board Meeting. The September agenda version has the changes accepted. This item is uncontested at this time.

RECOMMENDATION: Adopt the proposed order.

Mgmt. Review \_\_\_\_\_

Legal Review \_\_\_\_\_

September 23/24 2010  
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